

CLAIMS

1. Method for identifying a defective plug-in unit in a system comprising

a first bus (PCI);

5 an interface circuit (1) provided with a first register (A) and a second register (B);

at least two plug-in units (2) connected via interface circuits (1) to the first bus (PCI);

10 a second bus (3) connected to at least one plug-in unit (2¹); and

an operation and maintenance facility (4) connected to the second bus (3); and

15 in which method the first plug-in unit (2¹) addresses the second plug-in unit (2²) with a bus address, characterized in that:

the bus address is transferred into the first register (A); and

the bus address is transferred in conjunction with a reboot from the first register (A) into the second 20 register (B).

2. Method as defined in claim 1, characterized in that the bus address is read from the second register (B) by means of the operation and maintenance facility (4).

25 3. Method as defined in claim 1 or 2, characterized in that the first bus (PCI) is disposed in a CompactPCI bus.

4. System for identifying a defective plug-in unit, said system comprising:

30 a first bus (PCI);

an interface circuit (1) provided with a first register (A) and a second register (B);

35 at least two plug-in units (2) connected via interface circuits (1) to the first bus (PCI), a first plug-in unit (2¹) comprising means for addressing a second plug-in unit (2²) with a bus address;

a second bus (3) connected to at least one plug-in unit (2¹) ; and

an operation and maintenance facility (4) connected to the second bus (3), characterized in that the system comprises:

means for transferring the bus address into the first register (A) ;

means for transferring the bus address in conjunction with a reboot from the first register (A) into the second register (B) ; and

means for reading the bus address from the second register (B) by using the operation and maintenance facility (4) .

5. System as defined in claim 4, characterized in that the first bus (PCI) is a CompactPCI bus.

6. Interface circuit (1), comprising:

means for connecting a first bus (PCI) to a plug-in unit (2) ;

20 a first register (A) ; and

a subscriber (B), characterized in that the interface circuit comprises:

means for transferring the bus address into the first register (A) ; and

25 means for transferring the bus address in conjunction with a reboot from the first register (A) into the second register (B) .

7. Interface circuit as defined in claim 6, characterized in that the interface circuit (1) comprises means for sending the bus address from the second register (B) to the operation and maintenance facility (4) .

8. System as defined in claim 6 or 7, characterized in that the first bus (PCI) is a CompactPCI bus.

400 PCT/EP 2000 00293